



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5248

D135-751-011
Job Sheet 203406


Part No: D135-751-011 **Job Qty:** 1 pcs
Part Name: Skidtube with Standard Wearplates Fits LH or RH

Part Weight: 0 lbs **Status:** New **Priority:** Medium
Job Created: 11/19/19 **Job Tracking No:**
Due Date: 12/6/19 **Created By:** Marie Lajeunesse
Type: SOLD **Description:**
Note: DWG DSI 9661 REV A, D3507 REV D IPP Rev:A 44353 New Issue JLM IPP Rev:B 06-12-18 As per Rev B
JLM IPP Rev:C 07-12-11 ECN 1036 as per revB DD IPP Rev D 08.11.04 Added DT9431 to sequence 5 EC
verf DD IPP Rev E 10.02.22 per PAR 09-043 EC verified: DD IPP Rev:F 10.06.09 remove seq110 DD verf:EC
IPP Rev G 10.09.17 added D3507-1-bent EC verified:DD IPP REV:H 13.12.11 ECN13-619/ CHG002 DD.
VERF:JLM
Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
120	Skidtubes - 1	1 pcs	12/6/19		0.00	4.60	Skidtubes - 1		
							Skidtubes - 2		
							Skidtubes - 3		
							Skidtubes - 4		
							Skidtubes - 5		
							Skidtubes - 6		
							Skidtubes - 7		
140	QC 5	1 pcs	12/6/19		0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
							QC 5 - 61		
							QC 5 - 81		
150	Handfinish - 1-1 Chemical-B4B	1 pcs	12/6/19		0.00	0.33	Handfinish - 1 - 1 - B4B		
							Handfinish - 1 - 2 - B4B		

Plex 11/19/19 7:45 AM Dart.lajeunesse.marie

NOV 28 2019

				Handfinish - 1 - 3 - B4B	
				Handfinish - 1 - 4 - B4B	
				Handfinish - 1 - 5 - B4B	
				Handfinish - 1 - 6 - B4B	
				Handfinish - 1 - 7 - B4B	
				Handfinish - 1 - 8 - B4B	
				Handfinish - 1 - 9 - B4B	
				Handfinish - 1 - 10 - B4B	
				Handfinish - 1 - 11 - B4B	
				Handfinish - 1 - 12 - B4B	
				Handfinish - 1 - 13 - B4B	
				Handfinish - 1 - 14 - B4B	
				Handfinish - 1 - 15 - B4B	
				Handfinish - 1 - 16 - B4B	
				Handfinish - 1 - 17 - B4B	
				Handfinish - 1 - 18 - B4B	
				Handfinish - 1 - 19 - B4B	
				Handfinish - 1 - 20 - B4B	
				Handfinish - 1 - 21 - B4B	
				Handfinish - 1 - 22 - B4B	
160 QC 7	1 pcs	12/6/19	0.00 0.00	QC 7 - 10	
				QC 7 - 13	
				QC 7 - 14	
				QC 7 - 15	
				QC 7 - 17	
				QC 7 - 18	
				QC 7 - 19	
				QC 7 - 2	
				QC 7 - 28	
				QC 7 - 3	
				QC 7 - 30	
				QC 7 - 34	
				QC 7 - 36	
				QC 7 - 37	
				QC 7 - 41	
				QC 7 - 47	
				QC 7 - 48	
				QC 7 - 51	
				QC 7 - 58	
				QC 7 - 59	
				QC 7 - 60	
				QC 7 - 9	
				QC 7 - 68	
				QC 7 - 50	
				QC 7 - 67	
				QC 7 - 40	
				QC 7 - 24	
				QC 7 - 43	

Marc

170 Skidtubes - 2 - B4B	1 pcs	12/6/19	0.00 1.00	QC 7 - 61	
				QC 7 - 81	
				QC 7 - 76	
				QC 7 - 79	
				Skidtubes - 1 - B4B	
				Skidtubes - 2 - B4B	
				Skidtubes - 3 - B4B	
				Skidtubes - 4 - B4B	
180 QC 10	1 pcs	12/6/19	0.00 0.00	Skidtubes - 5 - B4B	BE
				Skidtubes - 6 - B4B	
				Skidtubes - 7 - B4B	
				QC 10 - 10	
				QC 10 - 18	
				QC 10 - 24	
				QC 10 - 43	
				QC 10 - 50	
185 Handfinish - 6-1- Touch Up- B4B	1 pcs	12/6/19	0.00 0.10	QC 10 - 58	
				QC 10 - 9	
				QC 10 - 68	DAS DEC 09 2019 68 9-89
				Handfinish - 6 - 1 - B4B	
				Handfinish - 6 - 2 - B4B	
				Handfinish - 6 - 3 - B4B	DEC 10 2019
				Handfinish - 6 - 4 - B4B	
				Handfinish - 6 - 5 - B4B	
				Handfinish - 6 - 6 - B4B	
				Handfinish - 6 - 7 - B4B	
				Handfinish - 6 - 8 - B4B	
				Handfinish - 6 - 9 - B4B	
				Handfinish - 6 - 10 - B4B	
				Handfinish - 6 - 11 - B4B	
				Handfinish - 6 - 12 - B4B	
				Handfinish - 6 - 13 - B4B	
				Handfinish - 6 - 14 - B4B	
				Handfinish - 6 - 15 - B4B	
				Handfinish - 6 - 16 - B4B	
				Handfinish - 6 - 17 - B4B	
				Handfinish - 6 - 18 - B4B	
				Handfinish - 6 - 19 - B4B	
				Handfinish - 6 - 20 - B4B	
				Handfinish - 6 - 21 - B4B	
				Handfinish - 6 - 22 - B4B	
187 QC 7	1 pcs	12/6/19	0.00 0.00	QC 7 - 10	
				QC 7 - 13	
				QC 7 - 14	
				QC 7 - 15	
				QC 7 - 17	
				QC 7 - 18	
				QC 7 - 19	

					QC 7 - 2	
					QC 7 - 28	
					QC 7 - 3	
					QC 7 - 30	
					QC 7 - 34	
					QC 7 - 36	
					QC 7 - 37	
					QC 7 - 41	
					QC 7 - 47	
					QC 7 - 48	
					QC 7 - 51	
					QC 7 - 58	
					QC 7 - 59	
					QC 7 - 60	
					QC 7 - 9	
					QC 7 - 68	
					QC 7 - 50	
					QC 7 - 67	
					QC 7 - 40	
					QC 7 - 24	
					QC 7 - 43	
					QC 7 - 61	
					QC 7 - 81	
					QC 7 - 76	
					QC 7 - 79	
190 Skidtubes - 3 - B4B	1 pcs	12/6/19	0.00 1.00		Skidtubes - 1 - B4B	BB
					Skidtubes - 2 - B4B	
					Skidtubes - 3 - B4B	
					Skidtubes - 4 - B4B	
					Skidtubes - 5 - B4B	
					Skidtubes - 6 - B4B	
					Skidtubes - 7 - B4B	
200 QC 5	1 pcs	12/6/19	0.00 0.00		QC 5 - 10	
					QC 5 - 12	
					QC 5 - 17	
					QC 5 - 18	
					QC 5 - 19	
					QC 5 - 22	
					QC 5 - 24	
					QC 5 - 3	
					QC 5 - 43	
					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
					QC 5 - 40	
					QC 5 - 61	
					QC 5 - 81	
210 Handfinish - 2-1 Pressure- B4B	1 pcs	12/6/19	0.00 0.08		Handfinish - 2 - 1 - B4B	
					Handfinish - 2 - 2 - B4B	
					Handfinish - 2 - 3 - B4B	
					Handfinish - 2 - 4 - B4B	
220 Spray Paint - 2 - B4B	1 pcs	12/6/19	0.00 0.25		Spray Paint - 1 - B4B	
					Spray Paint - 2 - B4B	
					Spray Paint - 3 - B4B	
					Spray Paint - 4 - B4B	

225 QC 14	1 pcs	12/6/19	0.00 0.00	QC 14 - 15	
				QC 14 - 2	
				QC 14 - 34	
				QC 14 - 41	
				QC 14 - 51	
				QC 14 - 58	
				QC 14 - 59	BEB 19-12-16
				QC 14 - 9	
				QC 14 - 68	
				QC 14 - 40	
				QC 14 - 19	
				QC 14 - 43	
				QC 14 - 24	
				QC 14 - 61	
				QC 14 - 81	
260 Handfinish - 4-1-Assembly-B4B	1 pcs	12/6/19	0.00 0.74	Handfinish - 4 - 1 - B4B	
				Handfinish - 4 - 10 - B4B	BEB 19-12-16
				Handfinish - 4 - 11 - B4B	
				Handfinish - 4 - 12 - B4B	
				Handfinish - 4 - 13 - B4B	
				Handfinish - 4 - 14 - B4B	
				Handfinish - 4 - 15 - B4B	
				Handfinish - 4 - 2 - B4B	
				Handfinish - 4 - 3 - B4B	
				Handfinish - 4 - 4 - B4B	
				Handfinish - 4 - 5 - B4B	
				Handfinish - 4 - 6 - B4B	
				Handfinish - 4 - 7 - B4B	
				Handfinish - 4 - 8 - B4B	
270 QC 5	1 pcs	12/6/19	0.00 0.00	QC 5 - 10	
				QC 5 - 12	
				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	
				QC 5 - 9	
				QC 5 - 50	
				QC 5 - 30	
				QC 5 - 40	
				QC 5 - 61	
				QC 5 - 81	
280 Packaging 1-1 - Pick Kit - B4B	1 pcs	12/6/19	0.00 0.00	Packaging 1 - 1 - B4B	
				Packaging 1 - 2 - B4B	
				Packaging 1 - 3 - B4B	
				Packaging 1 - 4 - B4B	
				Packaging 1 - 5 - B4B	

9-89
59
DAS

DAS
28
9-89

				Packaging 1 - 6 - B4B	
				Packaging 1 - 7 - B4B	
				Packaging 1 - 8 - B4B	
				Packaging 1 - 9 - B4B	
				Packaging 1 - 10 - B4B	
				Packaging 1 - 11 - B4B	
				Packaging 1 - 12 - B4B	
				Packaging 1 - 13 - B4B	
				Packaging 1 - 14 - B4B	
				Packaging 1 - 15 - B4B	
				Packaging 1 - 16 - B4B	
				Packaging 1 - 17 - B4B	
				Packaging 1 - 18 - B4B	
				Packaging 1 - 19 - B4B	
				Packaging 1 - 20 - B4B	
				Packaging 1 - 21 - B4B	
				Packaging 1 - 22 - B4B	
				Packaging 1 - 23 - B4B	
				Packaging 1 - 24 - B4B	
				Packaging 1 - 25 - B4B	
				Packaging 1 - 26 - B4B	
				Packaging 1 - 27 - B4B	
				Packaging 1 - 28 - B4B	
				Packaging 1 - 29 - B4B	
				Packaging 1 - 30 - B4B	
				Packaging 1 - 31 - B4B	
				Packaging 1 - 32 - B4B	
				Packaging 1 - 33 - B4B	
				Packaging 1 - 34 - B4B	
				Packaging 1 - 35 - B4B	
				Packaging 1 - 36 - B4B	
290 QC 4	1 pcs	12/6/19	0.00 0.00	QC 4 - 28	
				QC 4 - 58	
				QC 4 - 69	
				QC 4 - 9	
				QC 4 - 46	
				QC 4 - 68	
				QC 4 - 72	
				QC 4 - 74	
				QC 4 - 75	
				QC 4 - 78	
300 Packaging 3-1 - Stock - B4B	1 pcs	12/6/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	

DAS
78
9-89

DEC 18 2019

					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
305 DC - 1 - B4B	1 pcs	12/6/19	0.00 0.00		DC - 1 - B4B	
310 QC 21 - FG	1 pcs	12/6/19	0.00 0.00		DC - 2 - B4B	
					QC 21 - FG - 21	
					QC 21 - FG - 70	
					QC 21 - FG - 53	

Part Op 120 - 1-Cut Aft end as per dwg D3507 3-Drill Aft & Fwd Cap holes using DT8678 & DT8901 4-Locate DT8870 & Drill Descriptions: Ground wire hole on top of Tube. 6-Locate DT8870 with #30 cleco in Ground wire hole ,then Pilot Drill all X-Bolt holes using #30" drill. ****DO NOT OPEN AFT CAP HOLES**** 7-Open crossbolt holes to 0.3125" (3 per side). Drill pilot holes for wearplates using Dt8868, Use DT8892 FOR REAR WEARPLATE HOLES. 8-Open six rear wearplate holes using DT8892. Open all wearplate holes to 0.297" 9-Open ground wire hole .297" section E-E 10-Open Aft & Fwd Cap holes using .208" drill. 11-Bore out aft end of tube as per Dwg D3507 & Detail "B". 12- Section G-G holes must be laid out manually, open to #30. 13-Deburr holes.

140 - (QC5- Inspect part completeness to step on W/O)

160 - (QC7-Inspect Chemical Conversion Coat)

170 - 1-Open X-Bolt holes to .375"(1 Places) & .500"(2Places) as per Dwg D3507. and section G-G to .750" (2 places) 2-Counter Sink X-BOLT holes as per Dwg D3507 3-Deburr and blow out chips from inside of tube. 4-Bond web as per Dwg D3507 & QSI 015 start time : 3pm Dec 3, 2019 end time: 3am Dec 4, 2019 5-Weld x-bolt spacers as per Dwg D3507 and Detail C-C & D-D and G-G 7-Drill Rivet Holes as per Dwg D3507 Using Dt8871A&B 8-Deburr Rivet holes.

180 - (QC10- Inspect visual per QSI004- ground welds)

185 - (Touch up alodine) RE-ALODINE ONLY

187 - (QC7-Inspect Chemical Conversion Coat)

190 - 1-Rivet D3506-1/-3 as per Dwg D3507.

200 - (QC5- Inspect part completeness to step on W/O)

210 - Touch-up alodine tube as per QSI 005 section 4.1.2.1 do not acid etch.

220 - (Spray Paint / NDT Room) 1- Apply Primer as per QSI 005 4.2.1.3.3 and dwg A/R Primer
Batch: 5218199 2- Paint two coats of White paint as per QSI 005 4.2 and dwg A/R Paint
Batch: 5221052

225 - (QC14- Inspect Spray Paint)

260 - 1- Install Wearplate & Ground Wire inserts as per Dwg D3507. 1-Inspect for Foreign objects 2-Install Fwd & Aft caps as per Dwg D3507 And Detail "A" & "B" 3-Install Wearplates as per Dwg D3507 , Note:Install (1) Bolt and (1) washer on Ground Wire insert on top of tube Do not Install Screws where indicated on Dwg(Note #6) 4-assemble o'ring to plug as per dwg D3492 and apply o'ring lube 5- Wing Walk as per Dwg D3507 and QSI 005 4.4 Batch: 5229693

270 - (QC5- Inspect part completeness to step on W/O)

280 - (Pick Kit)

290 - (QC4- 100% Inspect kits for completeness)

300 - (Identify as per dwg & Stock Location:) Identify and pack for shipping as per PPP D135-751-011 PPP Rev:

305 - Photocopy bluefile & type labels per PPP D135-751-011 CHG002

310 - QC21- Final Inspection - Work Order Release

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
D3507-1-BENT	Skidtube Assembly EC135	1 pcs (1 ea)	120-Skidtubes - 1	5232835
D3504-1	Crossbolt Spacer	2 pcs (2 ea)	170-Skidtubes - 2 - B4B	5213743
D3504-3	Crossbolt Spacer	1 pcs (1 ea)	170-Skidtubes - 2 - B4B	5167825
D3504-5	Crossbolt Spacer	2 pcs (2 ea)	170-Skidtubes - 2 - B4B	5222146
D3505-1	Web	1 pcs (1 ea)	170-Skidtubes - 2 - B4B	5230884
D3506-1	Doubler	4 pcs (4 ea)	190-Skidtubes - 3 - B4B	8226138
D3506-3	Doubler	2 pcs (2 ea)	190-Skidtubes - 3 - B4B	5226136
MS20601-AD4W3	Rivet	12 Ea (12 ea)	190-Skidtubes - 3 - B4B	5227195
ALS4-1032-225	Rivnut	1 Ea (1 ea)	260-Handfinish - 4-1-Assembly-B4B	5214460
ALS7-1032-130	Rivnut	38 Ea (38 ea)	260-Handfinish - 4-1-Assembly-B4B	5209194
AN3C4A	Bolt	31 Ea (31 ea)	260-Handfinish - 4-1-Assembly-B4B	5239244
AN3C5A	Bolt	2 Ea (2 ea)	260-Handfinish - 4-1-Assembly-B4B	5123445
AN526C1032R10	Screw	2 Ea (2 ea)	260-Handfinish - 4-1-Assembly-B4B	5239295
D2965	Cap	1 pcs (1 ea)	260-Handfinish - 4-1-Assembly-B4B	5166570
D2965-3	Cap	1 pcs (1 ea)	260-Handfinish - 4-1-Assembly-B4B	5166571
D3492-1	Plug	4 pcs (4 ea)	260-Handfinish - 4-1-Assembly-B4B	5218656
D3492-3	Plug	4 pcs (4 ea)	260-Handfinish - 4-1-Assembly-B4B	5215332
D3492-7	Plug	2 pcs (2 ea)	260-Handfinish - 4-1-Assembly-B4B	5219515
D4918-047	Wearplate Aft	1 pcs (1 ea)	260-Handfinish - 4-1-Assembly-B4B	5218948
D4918-1	Wearplate Fwd	1 pcs (1 ea)	260-Handfinish - 4-1-Assembly-B4B	5220080
D4918-3	Wearplate Center Fwd	1 pcs (1 ea)	260-Handfinish - 4-1-Assembly-B4B	5220102
D4918-5	Wearplate Center Aft	1 pcs (1 ea)	260-Handfinish - 4-1-Assembly-B4B	5220109
NAS1149C0332R	Washer (AN960C10L)	33 Ea (33 ea)	260-Handfinish - 4-1-Assembly-B4B	5233308
NAS1611-007	O-Ring	2 Ea (2 ea)	260-Handfinish - 4-1-Assembly-B4B	F103697
NAS1611-010	O-Ring	4 Ea (4 ea)	260-Handfinish - 4-1-Assembly-B4B	5217830
NAS1611-013	O-Ring	4 Ea (4 ea)	260-Handfinish - 4-1-Assembly-B4B	5237929
AN3C4A	Bolt	8 Ea (8 ea)	280-Packaging 1-1 - Pick Kit - B4B	5217709
D3512-041	Wearplate	2 pcs (2 ea)	280-Packaging 1-1 - Pick Kit - B4B	5235983
NAS1149C0332R	Washer (AN960C10L)	8 Ea (8 ea)	280-Packaging 1-1 - Pick Kit - B4B	5225629

M.U. 013492

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
120-Skidtubes - 1	D3507-1-BENT	1	8	0
	D3504-1	2	102	0
	D3504-3	1	94	0
	D3504-5	2	18	0
	D3505-1	1	5	0
190-Skidtubes - 3 - B4B	D3506-1	4	27	0
	D3506-3	2	28	0
	MS20601-AD4W3	12	736	0
260-Handfinish - 4-1-Assembly-B4B	ALS4-1032-225	1	882	0
	ALS7-1032-130	38	937	0
	AN3C4A	31	1,406	0
	AN3C5A	2	703	0
	AN526C1032R10	2	105	0
	D2965	1	32	0
	D2965-3	1	32	0
	D3492-1	4	104	0
	D3492-3	4	35	0
	D3492-7	2	36	0
	D4918-047	1	5	0
	D4918-1	1	6	0
	D4918-3	1	11	0
	D4918-5	1	11	0
	NAS1149C0332R	33	3,345	0
	NAS1611-007	2	214	0
	NAS1611-010	4	160	0
	NAS1611-013	4	62	0
	AN3C4A	8	1,406	0
	D3512-041	2	5	0
	NAS1149C0332R	8	3,345	0
280-Packaging 1-1 - Pick Kit - B4B				

Part Specifications
Specifications could not be found.

Plex 11/19/19 7:45 AM Dart.lajeunesse.marie

Entered:

Date:

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No.

Route update only



Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐				Date : _____ Sequence #: _____		QTY Affected : _____ MRB (QS1042) _____																													
Description Work Order Deviation				Disposition				Completed By																															
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐				FAULT CATEGORY <table border="1"> <tr> <td>Pressure/Forced</td> <td>Contamination</td> <td>Power Loss/Surge</td> <td>Positioned Wrong</td> </tr> <tr> <td>Bending</td> <td>Misaligned/off center</td> <td>Folio/Program</td> <td>Outside Tolerance</td> </tr> <tr> <td>Crushing</td> <td>BOM/Route</td> <td>Grain Direction</td> <td>Drawing</td> </tr> <tr> <td>Cracks</td> <td>Broken/Damage/Defect</td> <td>Weld</td> <td>Finish</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave/Twist</td> <td>Incomplete/Unclear Instructions</td> <td>Wrong Stock Pulled</td> <td>Part Lost/Missing</td> </tr> <tr> <td>Marks/Chatter</td> <td>Drill Holes</td> <td>Out of Sequence</td> <td>Misread</td> </tr> <tr> <td>Mislabeled</td> <td>Fit/Function</td> <td>Off-set/Set-up</td> <td></td> </tr> </table>								Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong	Bending	Misaligned/off center	Folio/Program	Outside Tolerance	Crushing	BOM/Route	Grain Direction	Drawing	Cracks	Broken/Damage/Defect	Weld	Finish	Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing	Marks/Chatter	Drill Holes	Out of Sequence	Misread	Mislabeled	Fit/Function	Off-set/Set-up	
				Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong																																
				Bending	Misaligned/off center	Folio/Program	Outside Tolerance																																
Crushing	BOM/Route	Grain Direction	Drawing																																				
Cracks	Broken/Damage/Defect	Weld	Finish																																				
Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing																																				
Marks/Chatter	Drill Holes	Out of Sequence	Misread																																				
Mislabeled	Fit/Function	Off-set/Set-up																																					
Other/Details:																																							
Lead hand / Supervisor				QC / QA Coordinator																																			

H:/FORMS/Quality Assurance/approved QA/NCRWO Rev J